

# Appendix A

## Acronyms

---

AAA	Authentication, Authorization and Accounting
AAL 2	ATM Adaptation Layer 2
ACDF	Access Control Decision Function
ACI	Access Control Information
ACL	Access Control List
ACN	Airborne Communications Node
ADRP	Army's DISN Router Program
ADSL	Asymmetric Digital Subscriber Line
ADTN	Agency Data Telecommunications Network
AES	Advanced Encryption Standard
AFIWC	Air Force Information Warfare Center
AH	Authentication Header
AIS	Automated Information System
AJ	Anti-Jam
AMPS	Advanced Mobile Phone Service
AMSC	American Mobile Satellite Corporation
ANSI	American National Standards Institute
ANX	Automotive Network eXchange <sup>®</sup>
API	Application Programming Interface
ASIC	Application-Specific Integrated Circuit
ASCII	American Standard Code for Information Interchange
ASD(C3I)	Assistant Secretary of Defense (Command, Control, Communications, and Intelligence)
ASN.1	Abstract Syntax Notation number One
ASP	Active Server Page
ASW&R	Attack Sensing, Warning, And Response
ATF	Alcohol, Tobacco, and Firearms

## UNCLASSIFIED

Appendix A  
IATF Release 3.1—September 2002

ATM	Asynchronous Transfer Mode
AV	Anti-Virus
BAPI	Biometrics Application Programming Interface
BCA	Bridge Certification Authority
BFACS	Battlefield Functional Area Control System
BFD	Business Forms Division
BIOS	Basic Input/Output System
BIOS ROM	Basic Input/Output System Read Only Memory
BISO	Business Information Security Officer
BN	Backbone Network
BOOTP	Bootstrap Protocol
BSD	Berkeley System Distribution
BVTC	Battlefield Video Teleconferencing
C&A	Certification and Accreditation
C/IMM	Corporate Information Management Model
C2	Command and Control
C4I	Command, Control, Communications, Computers and Intelligence
CA	1. Certification Authority 2. Certificate Authority
CALEA	Communications Assistance for Law Enforcement Act
CAN	Campus Area Network
CAPI	Cryptographic Application Programming Interface
CAT	Common Authentication Technology
CAW	Certificate Authority Workstation
CB	Citizens Band
CBR	1. Constant Bit Rate 2. Case-Based Reasoning
CC	Common Criteria
CCI	Controlled Cryptographic Item
CCITT	Consultative Committee for International Telephone and Telegraph
CD	Compact Disc
CDMA	Code Division Multiple Access

CDR	Critical Design Review
CD-ROM	Compact Disc-Read Only Memory
CDSA	Common Data Security Architecture
CECOM	Communications Electronics Command
CEM	Common Evaluation Methodology
CEO	Chief Executive Officer
CEOI	Communications-Electronics Operating Instruction
CERT	Computer Emergency Response Team
CFD	Common Fill Device
CGI	Common Gateway Interface
CH	Correspondent Host
CI	1. Cryptographic Interface 2. Configuration Item 3. Capability Increment
CIAC	Computer Incident Advisory Capability
CIDF	Common Intrusion Detection Framework
CIK	1. Crypto-Ignition Key 2. Cryptographic Ignition Key
CINCS	Commanders-in-Chief
CIO	Chief Information Officer
CISO	Corporate Information Security Officer
CITS	Combat Information Transport System
CKL	Compromised Key List
CM	Configuration Management
CMA	Certificate Management Authority
CMI	Certificate Management Infrastructure
CMIP	Common Management Information Protocol
CMM	Capability Maturity Model
CMP	Certificate Management Protocol
CMS	Certificate Management System
CMUA	Certificate Management User Agent
CMW	Compartmented Mode Workstation
CND	Computer Network Defense

## UNCLASSIFIED

Appendix A  
IATF Release 3.1—September 2002

CNR	Combat Net Radio
CO	Central Office
COA	Course of Action
CODEC	Coder/Decoder
COE	Common Operating Environment
COI	Community of Interest
COMPUSEC	Computer Security
COMSEC	Communications Security
CONOP	Concept of Operations; i.e., only one document
CONOPs	Concepts of Operations; i.e., more than one CONOP
CONUS	Continental United States
COO	Chief Operating Officer
CORBA	Common Object Request Broker Architecture
COTS	Commercial-Off-the-Shelf
CP	Certificate Policy
CPS	Certification Practice Statement
CPU	Central Processing Unit
CRADA	Cooperative Research and Development Agreement
CRC	Cyclic Redundancy Check
CRL	Certificate Revocation List
CryptoAPI	Cryptographic Application Programming Interface
CSN	Central Services Node
CSO	Chief Security Officer
CSP	Cryptographic Service Provider
CSRA	Critical Security Requirement Area
CSSM	Common Security Services Manager
CSSM-API	Common Security Services Manager Application Programming Interface
CTP	Common Tactical Picture
CUG	Closed User Group
CUITN	Common User Installation Transport Network
CV	Compliance Validation
CVSD	Continuously Variable Slope Detection

## UNCLASSIFIED

Appendix A  
IATF Release 3.1—September 2002

DA	Directory Administrator
DAA	Designated Approving Authority
DAC	Discretionary Access Control
DAP	Directory Access Protocol
DARPA	Defense Advanced Research Projects Agency
DCOM	Distributed Component Object Model
DEA	Drug Enforcement Agency
DECT	Digital Enhanced Cordless Telecommunications
DEERS	Defense Enrollment Eligibility Reporting System
DER	Distinguished Encoding Rules
DES	Data Encryption Standard
DFAS	Defense Finance and Accounting Service
DGSA	DoD Goal Security Architecture
DHCP	Dynamic Host Configuration Protocol
DIAP	Defense-wide Information Assurance Program
DIB	Directory Information Base
DII	Defense Information Infrastructure
DISA	Defense Information Systems Agency
DISN	Defense Information Systems Network
DIT	Directory Information Tree
DITSCAP	Department of Defense Information Technology Security Certification and Accreditation Process
DLL	Dynamic Link Library
DMS	Defense Message System
DMZ	Demilitarized Zone
DN	Distinguished Name
DNA	Deoxyribonucleic Acid
DNS	Domain Name System
DNSSEC	Domain Name System Security
DoD	Department of Defense
DOE	Department of Energy
DoS	Denial of Service

## UNCLASSIFIED

Appendix A  
IATF Release 3.1—September 2002

DS-0	Digital Service, Level Zero
DSA	Directory System Agent
DSL	Digital Subscriber Line
DSN	Defense Switched Network
DSP	Digital Signal Processing
DSS	Digital Signature Standard
DSSMP	Digital Switched Systems Modernization Program
DSSS	Direct Sequence Spread Spectrum
DTD	Data Transfer Device
E911	Emergency 911
EAL	Evaluation Assurance Level
ECAs	External Certificate Authorities
ECP	Engineering Change Proposal
EEPROM	Electrically Erasable Programmable Read Only Memory
EISL	Embedded Integrity Services Library
EKMS	Electronic Key Management System
E-mail	Electronic Mail
EPLRS	Enhanced Position/Location Reporting System
EPROM	Erasable Programmable Read Only Memory
ESM	Enterprise Security Management
ESNet	1. Department of Energy Science Network 2. Energy Science Network
ESP	Encapsulating Security Payload
ETSI	European Telecommunications Standardization Institute
EUT	End User Terminal
FAA	Federal Aviation Administration
FBI	Federal Bureau of Investigation
FCC	Federal Communications Commission
FDDI	Fiber Distributed-Data Interface
FDMA	Frequency Division Multiple Access
FEDCERT	Federal Computer Emergency Response Team
FEMA	Federal Emergency Management Agency

FFC	FORTEZZA ® for Classified
FHSS	Frequency Hopped Spread Spectrum
FIDNet	Federal Intrusion Detection Network
FIPS	Federal Information Processing Standard
FIPS PUB	Federal Information Processing Standards Publication
FIRST	Forum of Incident Response and Security Teams
FNBDT	Future Narrow Band Digital Terminal
FPKI	Federal Public Key Infrastructure
FRF	Frame Relay Forum
FRP	Federal Response Plan
FSRS	Functional Security Requirements Specifications
FTP	File Transfer Protocol
FW	Firewall
GAO	Government Accounting Office
GBS	Global Broadcast System
GCCS	Global Command and Control System
GIF	Graphics Interchange Format
GIG	Global Information Grid
GII	Global Information Infrastructure
GNOSC	Global Network Operations Security Center
GOTS	Government-Off-The-Shelf
GPS	Global Positioning System
GSA	General Services Administration
GSAKMP	Group Service Association Key Management Protocol
GSM	Groupe Speciale Mobile (now known as the Global System for Mobile Communications)
GSS	Generic Security Services
GSS-API	Generic Security Services Application Programming Interface
GUI	Graphical User Interface
GULS	General Upper Layer Security
HAG	High Assurance Guard
HDSL	High Bit-Rate Digital Subscriber Line

## UNCLASSIFIED

Appendix A  
IATF Release 3.1—September 2002

HF	High Frequency
HTI	Harm To Information
HTML	HyperText Markup Language
HTTP	Hypertext Transfer Protocol
I&A	Identification and Authentication
IA	Information Assurance
IATF	Information Assurance Technical Framework
IBAC	Identity Based Access Control
IC	Intelligence Community
ICMP	Internet Control Message Protocol
ICRLA	Indirect Certificate Revocation List Authority
ICSA	International Computer Security Association
ID	Identification
IDEF	Integrated Definition
IDS	Intrusion Detection System
IDUP	Independent Data Unit Protection
IDUP GSS API	Independent Data Unit Protection Generic Security Service Application Program Interface
IEC	International Engineering Consortium
IEEE	Institute of Electrical and Electronics Engineers
IESG	Internet Engineering Steering Group
IETF	Internet Engineering Task Force
IKE	Internet Key Exchange
ILS	Integrated Logistics Support
IMM	Information Management Model
INE	In-line Network Encryptor
INFOCON	Information Condition
INFOSEC	Information Systems Security
INMARSAT	International Maritime Satellite
INS	Immigration and Naturalization Service
IOS	Internet Operating System
IP	Internet Protocol



IPDC	IP Device Control
IPN	Information Protection Network
IPOC	Initial Point of Contact
IPP	Information Protection Policy
IPSec	Internet Protocol Security
IPX	Internet Packet eXchange
IR	Infrared
IS	Information System
ISA	Intelligent Scanning Architecture
ISAC	Information Sharing and Analysis Center
ISAKMP	Internet Security Association and Key Management Protocol
ISDN	Integrated Services Digital Network
ISM	Iridium Security Module
ISO	1. International Organization for Standardization (Name not Acronym) 2. Information Security Officer
ISP	Internet Service Provider
ISSE	1. Information System Security Engineer 2. Information System Security Engineering
ISSO	1. Information Systems Security Organization 2. Information System Security Officer
IT	Information Technology
IT-21	Information Technology for the 21 <sup>st</sup> Century
ITG	Information Technology Group
ITT	Information Threat Table
ITU	International Telecommunications Union
IW	Information Warfare
JNMS	Joint Network Management System
JPO	Joint Program Office
JTF-CND	Joint Task Force for Computer Network Defense
JTIDS	Joint Tactical Information Distribution System
JTRS	Joint Tactical Radio System
JWICS	Joint Worldwide Intelligence Communications System
Kbps	Kilobits Per Second

## UNCLASSIFIED

Appendix A  
IATF Release 3.1—September 2002

KMI	Key Management Infrastructure
KMI/PKI	Key Management Infrastructure/Public Key Infrastructure
Exchange KMS	Exchange Key Manager Server
KP	Key Processor
KRA	Key Recovery Agent
KRB	Key Recovery Block
KRF	Key Recovery Field
KRI	Key Recovery Information
LAN	Local Area Network
LCA	Legal And Corporate Affairs
LCC	Life-Cycle Costing
LDAP	Lightweight Directory Access Protocol
LEO	Low Earth Orbit
LMD/KP	Local Management Device/Key Processor
LMR	Land Mobile Radio
LOS	Line-Of-Site
LPC/CELP	Linear Predictive Coding/Codebook Excited Linear Prediction
LPD	Low Probability of Detection
LPI	Low Probability of Intercept
LRA	Local Registration Authority
LSE	Local Subscriber Environment
MAC	1. Mandatory Access Control 2. Media Access Control
MAIS	Major Automated Information System
MAN	Metropolitan Area Network
MANET	Mobile Ad Hoc Networking
MATTS	Mobile Air Transportable Telecommunications System
MBR	Model-Based Reasoning
MCS	Maneuver Control System
MCU	Multipoint Control Unit
MD4	Message Digest 4
MD5	Message Digest 5

MDAP	Major Defense Acquisition Programs
Megaco	Media Gateway Control
MEO	Medium Earth Orbit
MERS	Mobile Emergency Response Support
MG	Media Gateway
MGC	Media Gateway Controller
MGCP	Media Gateway Control Protocol
MHS	Message Handling System
MHz	Megahertz
MIB	Management Information Base
MIL STD	Military Standard
MILDEP	Military Department
MILS	Multiple, Independent Security Levels
MILSATCOM	Military Satellite Communications
MIME	Multipurpose Internet Mail Extensions
MISSI	MISSI, it's a set of historical IA concepts. It is part of an Internet address and part of the name of a protocol; i.e., MMP.
MIT	Massachusetts Institute of Technology
MLN	Multilevel Network
MLS	Multilevel Security
MMP	MISSI Management Protocol
MNS	Mission Needs Statement
MOB	Main Operating Base
MPEG	Moving Pictures Expert Group
MSE	Mobile Subscriber Equipment
MSP	Message Security Protocol
MSROOT	Microsoft Root Authority
MSS	1. Mobile Satellite Subscriber 2. Mobile Satellite Service
MTA	Message Transfer Agent
MTBF	Mean Time Between Failure
MTS	1. Mail Transfer System 2. Message Transfer System

## UNCLASSIFIED

Appendix A  
IATF Release 3.1—September 2002

MTSC	Mobile Telephone Switching Center
MTTR	Mean Time to Repair
NAT	Network Address Translation
NATO	North Atlantic Treaty Organization
NAVCERT	Navy Computer Emergency Response Team
NBC	Nuclear, Biological, and Chemical
NCO	Non-Commissioned Officer
NES	Network Encryption System
NETBIOS	Network Basic Input/Output System
NIAP	National Information Assurance Partnership
NIC	Network Interface Card
NII	National Information Infrastructure
NIPC	National Infrastructure Protection Center
NIPRNET	Non-classified Internet Protocol Router Network
N-ISDN	Narrowband Integrated Services Digital Network
NIST	National Institute of Standards and Technology
NMC	Network Management Center
NNTP	Network News Transfer Protocol
NORAD	North American Aerospace Defense
NOS	Network Operating System
NS/EP	National Security/Emergency Preparedness
NSA	National Security Agency
NSF	Network Security Framework
NSIRC	National Security Incident Response Center
NSTISSP	National Security Telecommunications and Information Systems Security Policy
OA&M	Operations, Administration and Maintenance
OAN	Operational Area Network
OASD(C3I)	Office of the Assistant Secretary of Defense (Command, Control, Communications and Intelligence)
OCSP	On-Line Certificate Status Protocol
OO	Object-Oriented

## UNCLASSIFIED

Appendix A  
IATF Release 3.1—September 2002

OPSEC	Operational Security
ORD	Operational Requirements Document
OS	Operating System
OSCAR	Outside Cable Rehabilitation
OSD	Office of the Secretary of Defense
OSI	Open Systems Interconnection
OTAR	Over-the-Air Rekey
OTAT	Over-the-Air Transfer
OTAZ	Over-the-Air Zeroize
PAA	Policy Approving Authority
PBX	Private Branch eXchange
PC	Personal Computer
PCA	Policy Creation Authority
PCI	Protocol Control Information
PCM	Pulse Code Modulation
PCMCIA	Personal Computer Memory Card International Association
PCS	Personal Communications System
PDA	Personal Digital Assistant
PDD	Presidential Decision Directive
PDD-63	Presidential Decision Directive 63
PDF	Portable Document Format
PDR	Preliminary Design Review
PEIP	Programmable Embedded INFOSEC Program
PERL	Practical Extraction and Report Language
PGP	Pretty Good Privacy
PHE	Potentially Harmful Events
PHS	Personal Handyphone System
PIN	Personal Identification Number
PK	Public Key
PKCS	Public Key Cryptographic Standards
PKI	Public Key Infrastructure
PM	Privilege Manager

## UNCLASSIFIED

Appendix A  
IATF Release 3.1—September 2002

PMA	Policy Management Authority
PMO	Program Management Office
PN	Public Network
PNA	Protection for Network Access
PNE	Protection Needs Elicitation
POP	1. Post Office Protocol 2. Proof of Possession
POSIX	Portable Operating System Interface Unix
POTS	Plain Old Telephone Service
PP	Protection Profile
PPP	Point-to-Point Protocol
PROM	Programmable Read Only Memory
PRS	Product Release Services
PRSN	Primary Services Node
PSN	Production Source Node
PSTN	Public Switched Telephone Network
PVC	Permanent Virtual Connection
QOP	Quality of Protection
QOS	Quality of Service
R&D	Research and Development
RA	Registration Authority
RADIUS	Remote Access Dial In User Service
R-ADSL	Rate-Adaptive Digital Subscriber Line
RAM	Random Access Memory
RAS	Registration Admission Status
RBAC	Rule Based Access Control
RBR	Rule-Based Reasoning
RDN	Relative Distinguished Name
RF	Radio Frequency
RFC	Request for Comments
RFP/RFQ	Request for Proposals/Requests for Quotes
RIM	Recovery Information Medium

RM	Registration Manager
RMON	Remote Monitor
ROM	Read Only Memory
RSVP	Resource Reservation Setup Protocol
RTCP	Real-Time Transport Control Protocol
RTP	Real-Time Transport Protocol
S/MIME	Secure/Multipurpose Internet Mail Extensions
SA	System Administrator
SABI	Secret and Below Interoperability
SATCOM	Satellite Communications
SC	Steering Committee
SCIF	Sensitive Compartmented Information Facility
SD	Systems Division
SDD	Secure Data Device
SDE	Secure Data Exchange
SDLS	Single-Line Digital Subscriber Line
SDR	Software Defined Radio
SE	Systems Engineering
SEP	Systems Engineering Process
SET	Secure Electronic Transaction
S-FTP	Secure File Transfer Protocol
SFUG	Security Features Users Guide
SGCP	Simple Gateway Control Protocol
S-HTTP	Secure Hypertext Transfer Protocol
SID	System Identification
SIM	Subscriber Identity Module
SINCGARS	Single Channel Ground and Airborne Radio System
SIP	Session Initiation Protocol
SIPPING	Session Initiation Protocol Project Investigation
SIPRNET	Secret Internet Protocol Router Network
SKM	Symmetric Key Management
SLA	Service Level Agreement

## UNCLASSIFIED

Appendix A  
IATF Release 3.1—September 2002

SLIP	Serial Line Internet Protocol
SMB	Server Message Block
SMDS	Switched Multi-Megabit Data Service
SMI	Security Management Infrastructure
SMIB	Security Management Information Base
SML	Strength of Mechanism Level
SMTP	Simple Mail Transfer Protocol
SNMP	Simple Network Management Protocol
SONET	Synchronous Optical NETwork
SPG	Security Program Group
SPI	Service Provider Interface
SPKI	Simple Public Key Infrastructure
SQL	Structured Query Language
SS7	Signaling System 7
SSA	System Security Administrator
SSAA	System Security Authorization Agreement
SSAPI	Security Service Application Programming Interface
SSE CMM	System Security Engineering Capability Maturity Model
SSH	Secure Shell
SSL	Secure Sockets Layer
SSM	System Security Manager
SST-3	Synchronous Service Transport, Level Three
ST	Security Target
ST&E	Security Test and Evaluation
STAMIS	Standard Army Management Information System
STE	Secure Telephone Equipment
STG	State Transition Graph
STS	Synchronous Transport Service
STS-3	Synchronous Transport Signal 3
STU	Secure Telephone Unit
STU-III	Secure Telephone Unit Third Generation
SVC	Switched Virtual Circuit



## UNCLASSIFIED

Appendix A  
IATF Release 3.1—September 2002

TAC/STE	Tactical Secure Telephone Equipment
TCB	Trusted Computing Base
TCP	Transmission Control Protocol
TCP/IP	Transmission Control Protocol/Internet Protocol
TDC-ICAP	Theater Deployable Communications Integrated Communications Access Package
TDMA	Time Division Multiple Access
TDY	Temporary Duty
TISM	TACLANE Internet Security Manager
TLS	Transport Layer Security
TOC	Tactical Operations Center
TOE	Target of Evaluation
TPEP	Trusted Product Evaluation Program
TPN	Tactical Packet Network
TRANSCOM	Transportation Command
TRANSEC	Transmission Security
TRI-TAC	Tri-Tactical (Joint Tactical Communications Program)
TS	Top Secret
TSABI	Top Secret and Below Interoperability
TSDM	Trusted Software Design Methodology
TSP	Telecommunications Service Provider
TS-SCI	Top Secret-Sensitive Compartmented Information
TTP	Trusted Third Party
TWG	Technical Working Group
U	Unclassified
U.S.	United States
U//FOUO	Unclassified//For Official Use Only
UAV	Unmanned Aerial Vehicle
UC	University of California
UDP	User Datagram Protocol
UHF	Ultra-High Frequency
UPS	Uninterruptible Power Supply

## UNCLASSIFIED

Appendix A  
IATF Release 3.1—September 2002

URL	Universal Resource Locator
VA	Veterans Affairs
VBA	Visual BASIC Application
VDSL	Very High Bit-Rate Digital Subscriber Line
VHF	Very-High Frequency
VM	Virtual Machine
VoFR	Voice Over Frame Relay
VoIP	Voice Over Internet Protocol
VPN	Virtual Private Network
VRML	Virtual Reality Modeling Language
VSAT	Very Small Aperture Terminal
VTC	Video Teleconferencing
WAIS	Wide-Area Information Service
WAN	Wide Area Network
WIN	Warfighter Information Network or Wireless Intelligent Network
WLAN	Wireless Local Area Network
WLL	Wireless Local Loop
WWW	World Wide Web
X	X Window System
XYZ BFD	XYZ Corporation Business Forms Division
YESSIR	Yet Another Sender Session Internet Reservations